

## Technical Soil Descriptions

Technical soil descriptions describe the characteristics or properties (physical and chemical) of the soil including the parent material in which it formed. A pedon, a small three-dimensional area of the soil, serves as the reference point for the technical or soil series description. The soil description compares the soil to similar and other nearby soils and also includes a range of important characteristics. The detailed description method follows standards outlined in the Soil Survey Manual and many of the technical terms used in the description are defined in Soil Taxonomy.

### ***Counties with Published Soil Surveys***

Technical soil descriptions are located in the county soil survey descriptive legend.

### ***Counties without Published Soil Surveys***

Technical soil descriptions can be found in adjacent county published soil survey descriptive legends or at our [Official Soil Series Description](#) web site.

*This section includes:*

- (a) **Classification of the soils**

Putnam County, Missouri  
 Classification of the Soils

(An asterisk in the first column indicates a taxad junct to the series. See text for a description of those characteristics that are outside the range of the series.)

Soil name	Family or higher taxonomic class
	Arents
*ADAIR-----	Fine, montmorillonitic, mesic Aquic Argiudolls
AMANA-----	Fine-silty, mixed, mesic Aquic Hapludolls
ARMSTRONG-----	Fine, montmorillonitic, mesic Aquertic Hapludalfs
BELINDA-----	Fine, montmorillonitic, mesic Vertic Albaqualfs
*CLARINDA-----	Fine, montmorillonitic, mesic Vertic Argiaquolls
COLO-----	Fine-silty, mixed, mesic Cumulic Endoaquolls
EDINA-----	Fine, montmorillonitic, mesic Vertic Argialbolls
GARA-----	Fine-loamy, mixed, mesic Mollic Hapludalfs
GORIN-----	Fine, montmorillonitic, mesic Aquertic Chromic Hapludalfs
HUMESTON-----	Fine, montmorillonitic, mesic Argiaquic Argialbolls
KESWICK-----	Fine, montmorillonitic, mesic Aquertic Chromic Hapludalfs
*LAMONI-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
NODAWAY-----	Fine-silty, mixed, nonacid, mesic Mollic Udifluvents
PERSHING-----	Fine, montmorillonitic, mesic Vertic Epiqualfs
PUTCO-----	Fine, mixed (calcareous), mesic Typic Udorthents
RINDA-----	Fine, montmorillonitic, mesic Vertic Epiqualfs
SCHULINE-----	Fine-loamy, mixed (calcareous), mesic Typic Udorthents
*SEYMOUR-----	Fine, montmorillonitic, mesic Aquertic Argiudolls
*SHELBY-----	Fine-loamy, mixed, mesic Typic Argiudolls
VANMETER-----	Fine, illitic, mesic Oxyaquic Eutrochrepts
VIGAR-----	Fine-loamy, mixed, mesic Aquic Argiudolls
WINNEGAN-----	Fine, mixed, superactive, mesic Oxyaquic Hapludalfs
ZOOK-----	Fine, montmorillonitic, mesic Cumulic Vertic Endoaquolls